

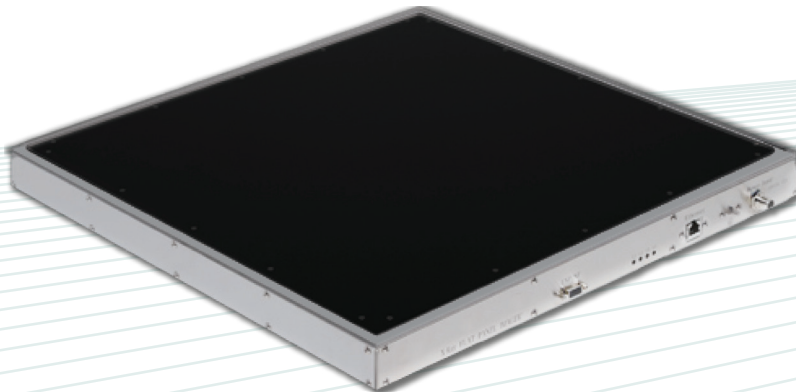


## TOSHIBA TFT UPGRADE

*Upgrades existing analog or CCD systems to Toshiba TFT panel technology with state of the art Magellan Control Console featuring VIPER® Image Enhancement software.*

*Optional full generator integration with Magellan Workstation provides full functionality and control of your generator from a single console.*

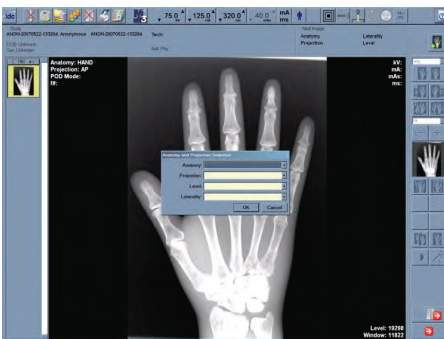
Imaging for the Future



# Magellan & Assurance TFT Upgrade

Using Toshiba & Magellan Components

High Sensitivity & Resolution  
Excellent Image Quality  
Exceptional Reliability



# Upgrade kit provides a complete “turnkey” path to TFT technology.

## INCLUDES:

### High Efficiency Toshiba CsI TFT Detector

- Industry Leading Standards: DQE 70%
- Dual Energy Ready

### Enterprise Quality Medical Workstation

- 21” Screen Monitor – 5000:1 Contrast Ratio
- Intel i7-2610UE Processor (4M Cache, 1.5 GHz)
- Magellan Intuitive Control & Acquisition Software
- Full Generator Integration & Control on Single Workstation
- Image Enhancement Software by VIPER®

### Remote Technical Support/Calibration Assistance

### FDA, UL, ISO & CE Approval on All Components

### 2 Year Full System Warranty Includes:

- TFT Detector
- Workstation
- Power Supply

## SPECIFICATIONS

<b>Application</b>	General radiography
<b>Scintillator</b>	CsI: TI (direct vapor deposition) + reflective coating
<b>Pixel Pitch</b>	143x143µm
<b>Output data</b>	16 bit greyscale tiff
<b>Image Resolution</b>	3.7 LP/mm
<b>MTF (2 lp/mm)</b>	36 % typical
<b>DQE</b>	70 % typical
<b>Power (Voltage / Frequency)</b>	AC100-240V 50/60Hz
<b>Operating environment</b>	Sensor Unit: 10-35°C, 30-80% RH (non-condensing)
<b>Standard components</b>	Sensor unit, Power unit, Cables
<b>Certification</b>	<ul style="list-style-type: none"> <li>• IEC60601-1, IEC60601-1-2</li> <li>• MDD93 /42 /EEC (CE marking)</li> </ul>

	17x17	14x17
<b>Pixels</b>	3008 (H) x3072 (V) (approx. 9.2 million pixels)	2448 (H)x2984 (V) (approx. 7.3 million pixels)
<b>Image Size</b>	16.9 (H) x17.3 inches (V) (43x43.9 cm)	13.8 (H)x16.8 (V) inch (35.0x42.6 cm)
<b>A /D Conversion</b>	14 bit	16 bit
<b>Preview image access time</b>	Approx. 4 seconds after X-Ray exposure (without image correction)	Approx. 1 second after X-Ray exposure (without image correction)
<b>Dimensions</b> Sensor Unit:	512x495x43mm	384x460x15mm
<b>Weight</b> Sensor Unit:	9kg, 20 lbs.	3kg, 6.6 lbs.

### Options

- Additional Panel For 2 Panel Installation
- Generator Control Interface For Sedecal, CPI, GE & Philips Generators
- Panel & Grid Mounts
- Detector Housing & Adaption Kit
- OEM Quality Fit and Finish
- Installation & Applications Training

### Assurance by White Mountain Imaging

PO Box 216 | Salisbury NH 03268 | Tel: 603-648-2124 | Fax: 603-648-2197 | [www.wmi-t2.com](http://www.wmi-t2.com)